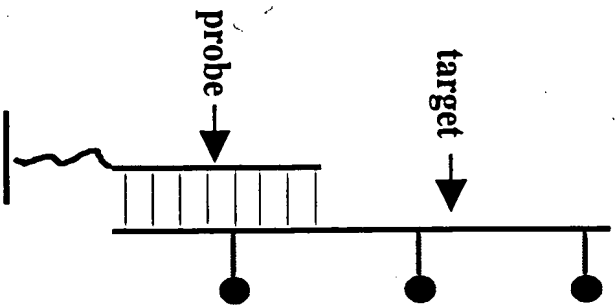
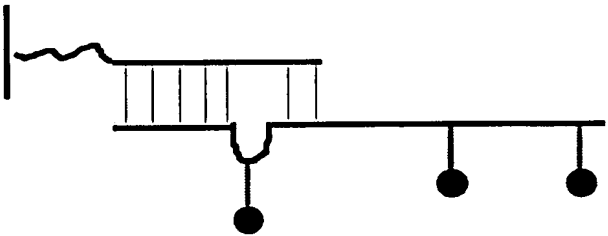


Discrimination Using RNase A

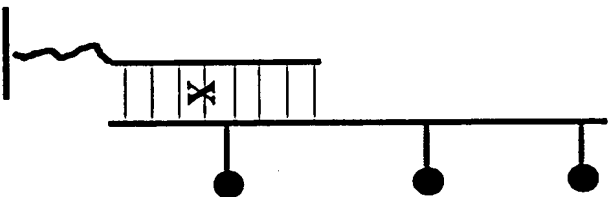
perfect match



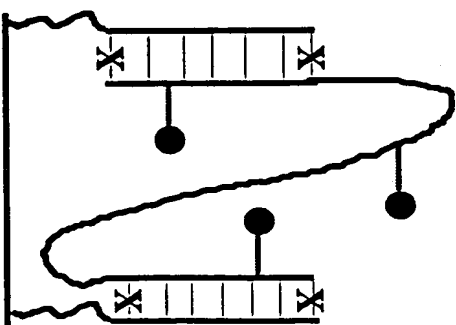
target bulge



base mismatch



multiple probes



RNase A
wash

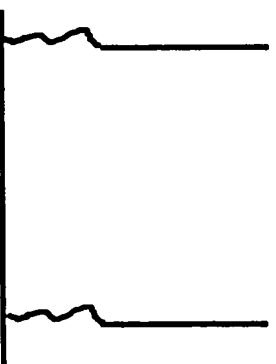


Figure 1

Discrimination With Ligation

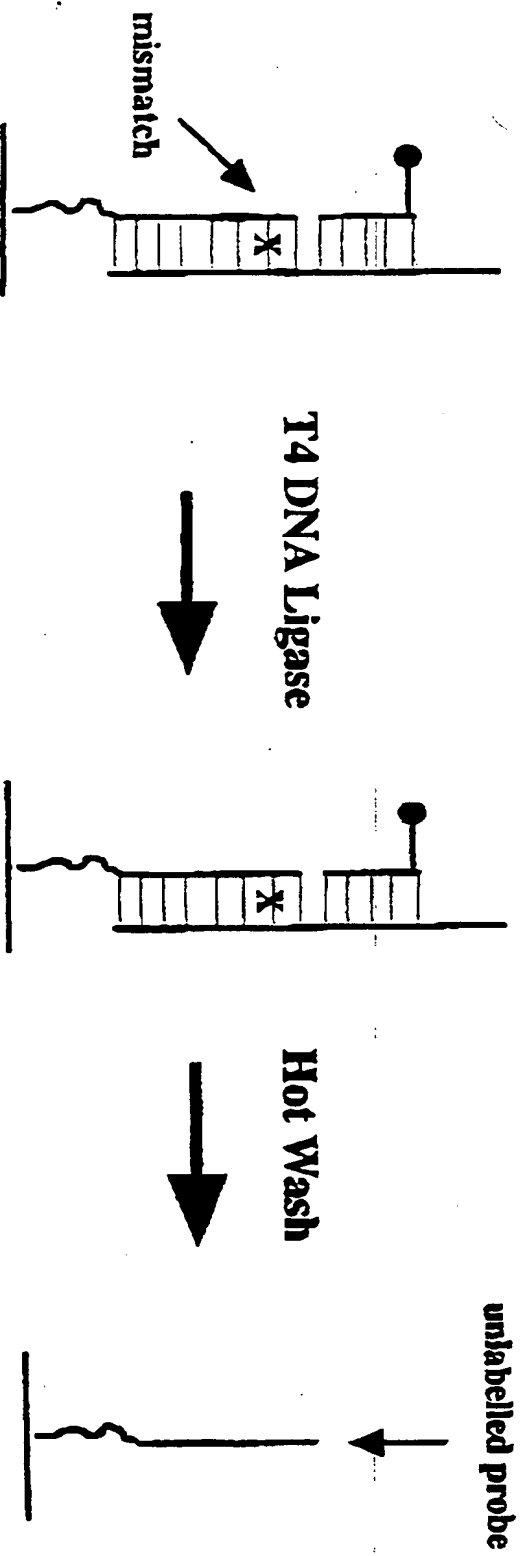
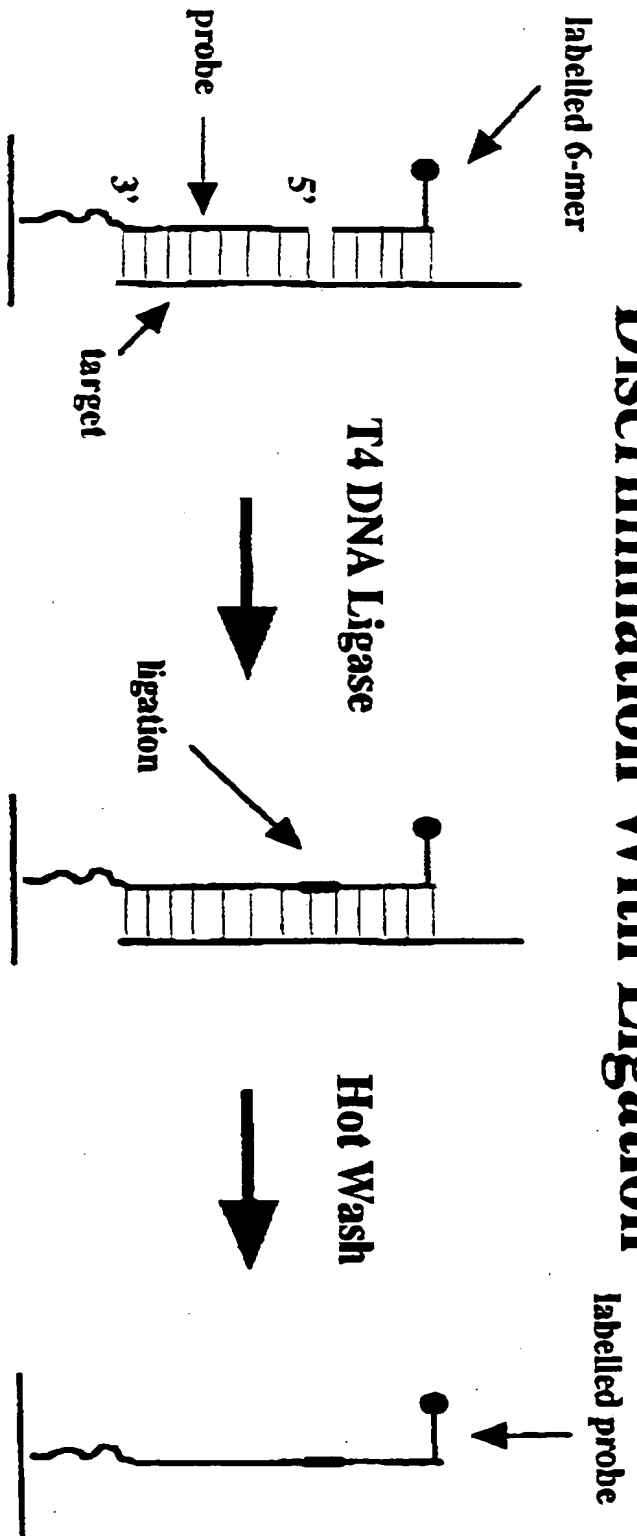
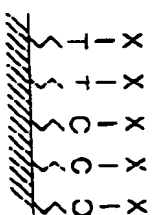
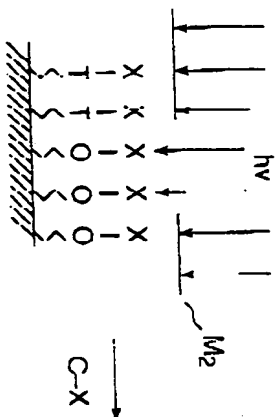
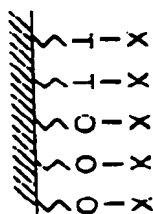
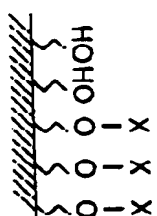


Figure 2



REPEAT

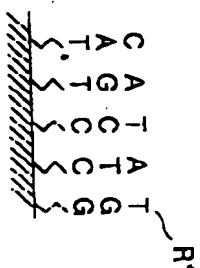


Figure 3

Procedure

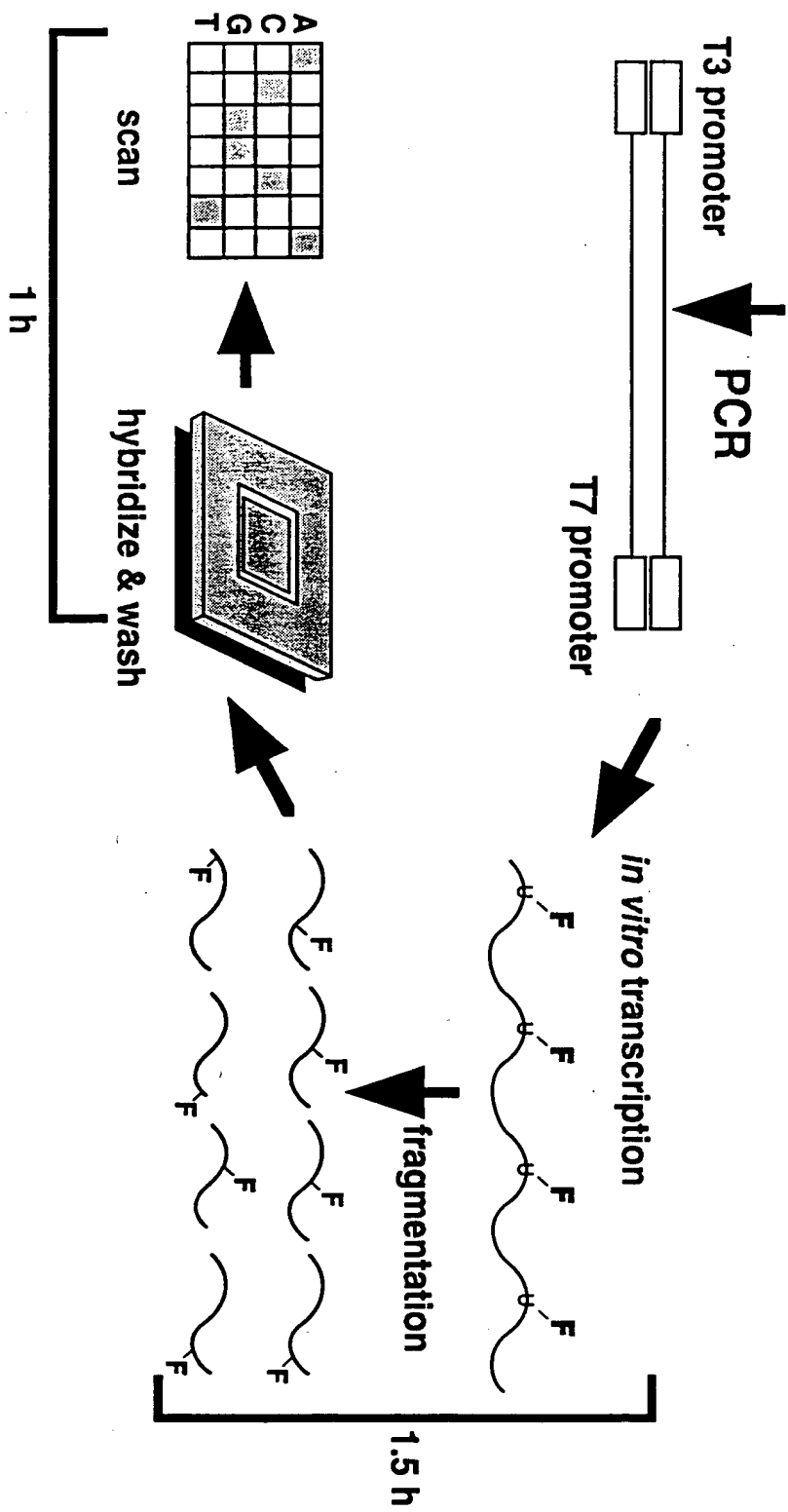


Figure 4

position		
TARGET		
probe		
n	5' ... AAAGAAA ⁿ AGACAGTAAATGGA ...	3' ttttttNgtcatga
n+1		3' ttttcNgtcatgat
n+2		3' ttttcgNtcatgatt

FIGURE 5

Hybridization to mtDNA Chip

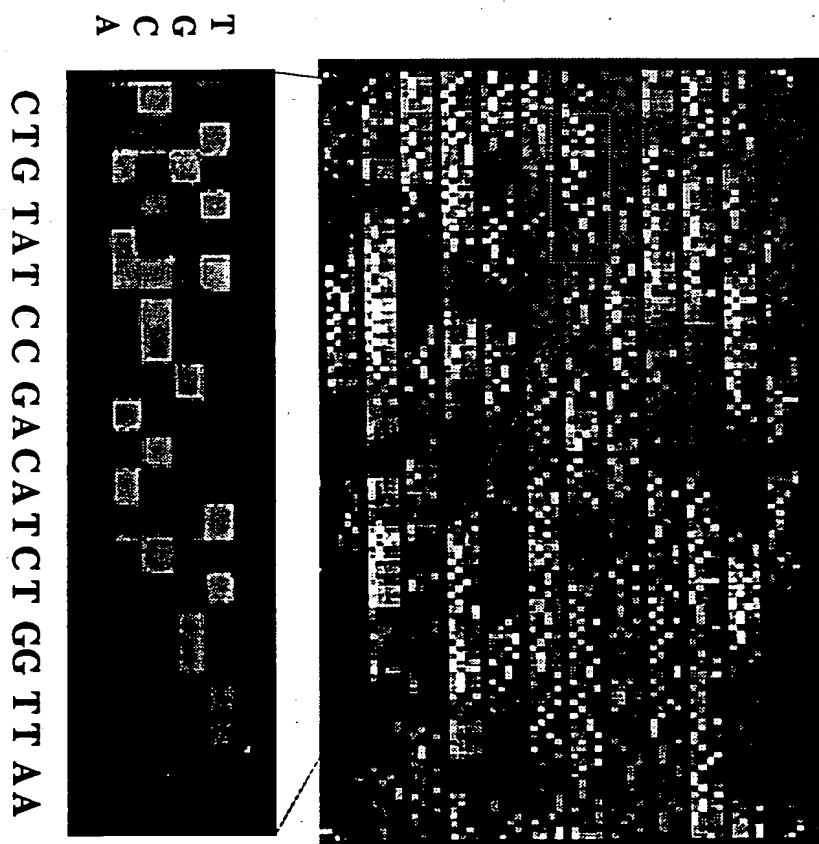


Figure 6

Hybridization and RNase A

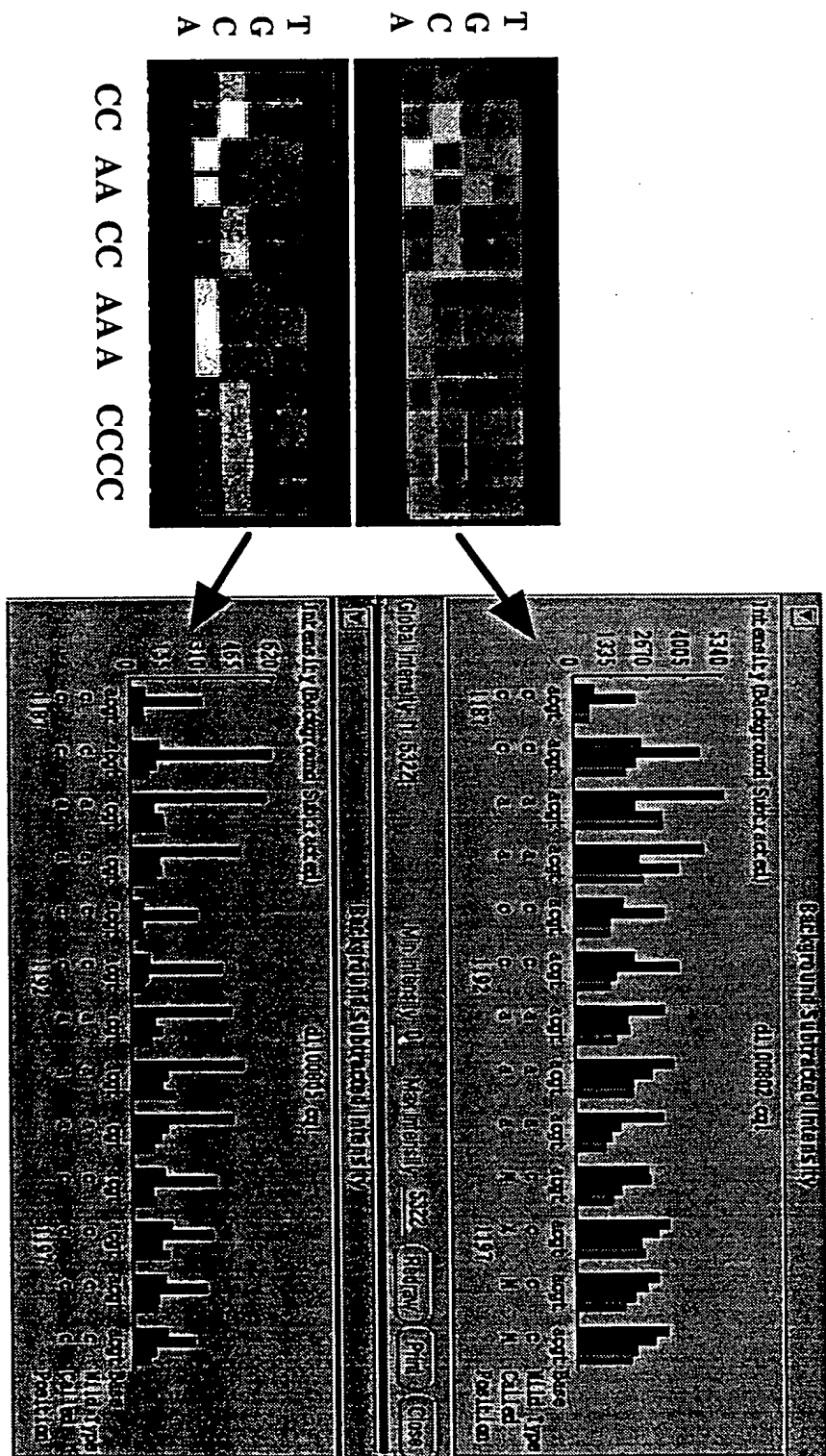


Figure 7